



# Application for a Water Right Permit

For Ecology Use  
(Date Stamp)



Follow the attached instructions. Attach additional sheets as necessary.

12 DEC -3 A10:16

DEPT. OF ECOLOGY  
FISCAL & BUDGET

GROUND WATER    ☒ SURFACE WATER

☐ PERMANENT

☐ SHORT TERM

☒ TEMPORARY

☐ DROUGHT

**\*A NON-REFUNDABLE MINIMUM FEE OF \$50.00 MUST ACCOMPANY THIS APPLICATION.**

## Section 1. APPLICANT

☐ I have participated in a pre-application conference with Ecology.

Applicant/Business Name: Department of Natural Resources	Phone No: (509) 925-8510	Other No: 509-925-0944
Address: 713 Bowers Road		
City: Ellensburg	State: WA	Zip: 98926-9301
Email Address (if available): rick.roeder@dnr.wa.gov or ingrid.ekstrom@dnr.wa.gov		

Contact Name (if different from above): Rick Roeder or Ingrid Ekstrom	Phone No:	Other No:
Relationship to Applicant:		
Address:		
City:	State:	Zip:
Email Address (if available):		

Legal Land Owner or Part Owner Name of the Proposed Place of Use:	Phone No:	Other No:
City:	State:	Zip:
Email Address (if available):		

For Ecology Use	APPLICATION NO: 54-33082	SEPA: Exempt/Not Exempt
	Fee Paid: 50%    Check No: 25916    12-3-2012    ECY Coding: 001-001-WR1-0285-000011	
Date Returned	By	Priority Date 12-3-2012 By 31 BENTON
Pre-application interviewer:		



## Section 2. STATEMENT OF INTENT

Do you own the land on which the proposed point of diversion/withdrawal is located? ☐ YES ☒ NO (Parcel is owned by the US Corp of Engineers; Sunheaven Farms, LLC has an easement to the property)

If no, do you have legal authority to make this application for use of another's land? ☒ YES ☐ NO

Briefly describe the purpose of your proposed project: This permit will be used as resolution of the Sunheaven Farms illegal watering issue. Sunheaven Farms existing infrastructure will be utilized to convey water to DNR lands. Seasonal irrigation of 1100 acres of row crops within Sections 16, 36, Township 7 North, Range 26 East, and Section 16, Township 7 North, Range 27 East. Water will be diverted from the Columbia River via the existing Sunheaven Farms pumping station within the NW 1/4 of Section 18, Township 5 North, Range 26 East. The new use will be mitigated for by water from the Port of Walla Walla Lease Project. Mitigation will be based on a 5-yr lease of non-interruptible water rights to remain in-stream; mitigation water rights include 2200 afy from the OCR's Port of Walla Walla bucket.

Anticipated length of time to complete your project: Begin water use at start of 2013 irrigation season. Use water for 5 years while permanent water transfer of another water right is completed.

**Water Use** List all purposes for which water will be applied to a beneficial use and list quantity required for each.

Purpose(s) of Use	Rate (check one box only)		Acre-Feet per Year (AF/YR) (If known)	Period of Use (Continuously or Seasonal)
	<input type="checkbox"/> Cubic Feet per Second (CFS)	<input checked="" type="checkbox"/> Gallons per Minute (GPM)		
Irrigation of 1100 acres		6200	2200	Seasonal (3/1 to 11/30)
<b>TOTAL:</b>			2200	

### Short Term/Temporary Water Use

Is this a request for a short term project (less than four months and non-recurring)? ☐ YES ☒ NO

Is this request for a temporary permit? ☒ YES ☐ NO \*\*Term permit

If yes to either question above, indicate the dates that the water will be needed:

FROM: 03/01/2013 TO: 11/30/2017

*4,200 GPM = 13.82 cfs*

## Section 3. POINT OF DIVERSION OR WITHDRAWAL

(Complete A or B, and C below)

A.) If Surface Water Source	B.) If Ground Water Source
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<input type="checkbox"/> Spring <input type="checkbox"/> Creek X River <input checked="" type="checkbox"/> Lake	Well(s) <input type="checkbox"/> Other <input checked="" type="checkbox"/>
<input type="checkbox"/> Other: _____	Note: _____
Source Name: <u>Columbia River</u>	Well diameter & depth: _____
Tributary to: _____	Number of proposed points of withdrawal: _____
Number of proposed diversion points: <u>1</u>	Do you have an existing well? <input type="checkbox"/> YES <input type="checkbox"/> NO
Do you have an existing diversion? x YES <input type="checkbox"/> NO	If available, attach Water Well Report and pump test.
	Well Tag ID No. _____



C.) Point of Diversion/Withdrawal – Legal Description						
Parcel No.	1/4	1/4	Section	Township	Range	County
	NW	NW	18	5N	26E	Benton
Lot(s)	Block(s)		Subdivision			
If known, enter the distances in feet from the point of diversion or withdrawal to the nearest section corner: <u>200</u> Feet ( <input type="checkbox"/> North/ <input checked="" type="checkbox"/> South) and <u>1100</u> feet ( <input checked="" type="checkbox"/> East/ <input type="checkbox"/> West) from the ( <input checked="" type="checkbox"/> NW <input type="checkbox"/> SW <input type="checkbox"/> NE <input checked="" type="checkbox"/> SE <input type="checkbox"/> ) corner of Section <u>18</u> .						
Parcel No.	1/4	1/4	Section	Township	Range	County
						Benton
Lot(s)	Block(s)		Subdivision			
If known, enter the distances in feet from the point of diversion or withdrawal to the nearest section corner: ____ feet ( <input type="checkbox"/> North/ <input type="checkbox"/> South) and ____ feet ( <input type="checkbox"/> East/ <input type="checkbox"/> West) from the ( <input type="checkbox"/> NW <input type="checkbox"/> SW <input type="checkbox"/> NE <input type="checkbox"/> SE <input type="checkbox"/> ) corner of Section _____.						

NOTE: If more than two points of diversion/withdrawal attach additional information on a separate sheet of paper.

Section 4. PLACE OF USE						
Attach a copy of the legal description of the property (on which the water will be used) taken from a real estate contract, property deed or title insurance policy, or copy it carefully in the space below.						
Section 16 and 36, Township 7, Range 26, and Section 16, Township 7, Range 27.						
1/4	1/4	Section	Twp.	Range	County	Parcel No.
					Benton	

Do you own all the lands on which the proposed place of use is located? X YES NO.

If no, do you have legal authority to make this application for use of another's land? ☐ YES ☐ NO

Provide owner name(s), address, and phone number: \_\_\_\_\_

Are there any other water rights or claims associated with this property or water system? ☐ YES ☒ NO

If yes, provide the water right and/or claim numbers:

**Attach a map of your project showing the point of diversion/withdrawal and place of use. If platted property, be sure to include a complete copy of the plat map.**

### Section 5. WATER SYSTEM DESCRIPTION

Describe your proposed water system (include type and size of devices used to divert or withdraw water from



source): The water for the irrigation of the proposed 1100 acres will be served through the existing Sunheaven Farms Irrigation distribution system. Please see attachment entitled, "The Sunheaven Farms Irrigation distribution system" for information on the water system.

## Section 6. DOMESTIC WATER SUPPLY SYSTEM INFORMATION

(Complete A or B, and C below)

A.) Domestic Water Systems only	B.) Municipal Water Systems only (defined under RCW 90.03.015)
Projected number of connections to be served: _____	Present population to be served water: _____
Type of connections: _____ (e.g., home, recreational cabin)	Estimate future population to be served: _____ (20 year projection)
<b>C.) Water System Planning</b>	
Do you have a Water System Plan approved by the Washington State Department of Health, Drinking Water Division? <input type="checkbox"/> YES <input type="checkbox"/> NO	
If yes, date plan was approved ____/____/____ Water System Number: _____	
Name of water system: _____	
Are you within the service area of an existing water system? <input type="checkbox"/> YES <input type="checkbox"/> NO	
If yes, explain why you are unable to connect to the system: _____	
_____	
_____	
_____	
_____	



## Section 7. IRRIGATION/STOCKWATER/OTHER FARM USES

### Irrigation

Total number of acres requested to be irrigated under this application = 1100 ACRES

NOTE: Outline the area to be irrigated on your attached map.

### Stockwater

List number and kind of stock: N/A

Is the proposed project for a dairy farm? ☐ YES ☒ NO

### Other Proposed Farm Uses

Describe all proposed uses: N/A

### Family Farm Water Act (RCW 90.66):

Calculate the acreage in which you have a controlling interest, including only:

- Acreage irrigated under water rights acquired after December 8, 1977,
- Acreage proposed to be irrigated under this application, and
- Acreage proposed to be irrigated under other pending application(s).

Is the combined acreage under existing rights greater than 6000 acres? ☐ YES ☐ NO

Do you have a controlling interest in a Family Farm Development Permit? ☐ YES ☐ NO

If yes, enter Permit No: \_\_\_\_\_

## Section 8. OTHER WATER USES

### Hydropower

Indicate total feet of head \_\_\_\_\_ and proposed capacity in kilowatts: \_\_\_\_\_

Describe works: \_\_\_\_\_

Indicate all uses to which power is to be applied: \_\_\_\_\_

FERC License No: \_\_\_\_\_

### Mining/Industrial Use

Describe use, method of supplying and utilizing water: \_\_\_\_\_



## Other Use

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## Section 9. WATER STORAGE

Will you be using a dam, dike, or other structure to retain or store water? ☐ YES ☒ NO

Are you proposing to store more than 10 acre-feet of water? ☐ YES ☒ NO

Will the water depth be 10 feet or more? ☐ YES ☐ NO

If you answered yes to any of the above questions, please describe: \_\_\_\_\_

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*NOTE: If you will be storing 10 acre-feet or more of water and/or if the water depth will be 10 feet or more at the deepest point and some portion of the storage will be above grade, you must also complete an Application for Permit to Construct a Reservoir and a Dam Construction Permit and Application.*

## Section 10. DRIVING DIRECTIONS

Provide detailed driving directions to the project site: Section 16, Township 7, Range 26 - From Paterson, drive north on Highway 221 for 11 miles. Turn right on SW Anderson Road, drive 1 miles to the NW corner of the section.

Section 16, Township 7, Range 27 - From Paterson, drive north on Highway 221 for 13 miles. Turn right on Sellards Road, drive 7 miles. Turn right on Travis Road. Drive 2 miles to the NW corner of the section.

Section 36, Township 7, Range 26 - From Paterson, drive north on Highway 221 for 8 miles. Turn right on Gwinn Road. Drive 2 miles to the end of the county road. Drive an additional 2 miles along private farm roads to the NW corner of the section.

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Site Address: There is NO street address to any of the 3 sections that we are aware of

Section 16, Township 7, Range 26 - County parcel number is: 117761000002006

Section 36, Township 7, Range 26 - County parcel number is: 136760000000000

Section 16, Township 7, Range 27 - County parcel number is: 116770000000000

← This parcel is  
in Sec 17 T7/R26  
maybe it should be  
116760000000009



## Section 11. REQUIRED SIGNATURES

I certify that the information provided in this application is true and accurate to the best of my knowledge. I understand that in order to process my application, I grant staff from the Department of Ecology access to the site for inspection and monitoring purposes. Even though the employees of the Department of Ecology may have assisted me in the preparation of the above application, all responsibility for the accuracy of the information rests with me, the applicant.

\* Dept of Natural Resources

<sup>SE</sup>  
Todd Welker, Regional Manager  
Print Name  
(Applicant or authorized representative)

*Todd Welker*  
Signature

*11/29/12*  
Date

Print Name  
(Legal Owner or Part Owner Place of Use)

Signature

Date

Print Name  
(Legal Owner or Part Owner Place of Use)

Signature

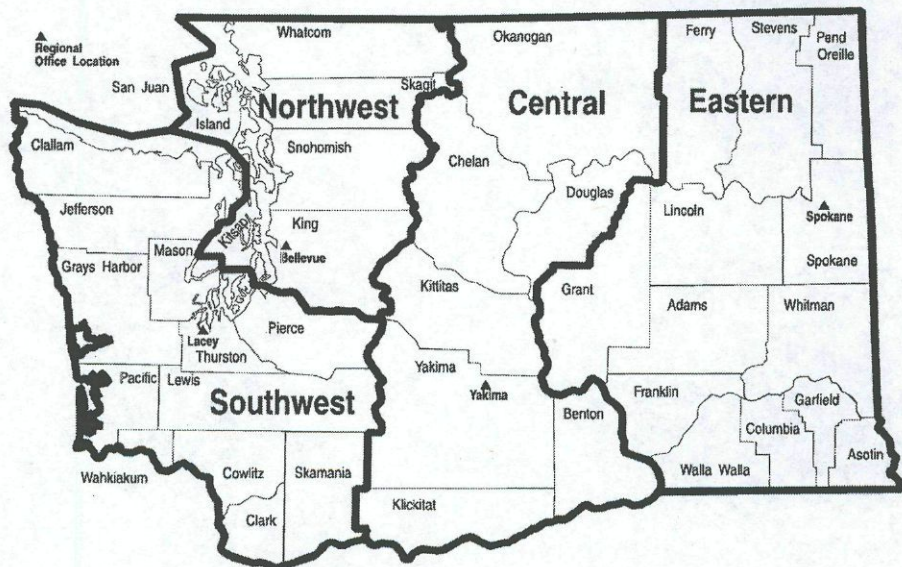
Date

Please check the region in which the project is located:

<p><b>*Submit your application to:</b></p> <p>DEPARTMENT OF ECOLOGY CASHIERING SECTION PO BOX 47611 OLYMPIA, WA 98504-7611</p>	<input checked="" type="checkbox"/> Central Regional Office 15 W Yakima Avenue, Suite 200 Yakima, WA 98902 (509) 575-2490	<input type="checkbox"/> Eastern Regional Office 4601 N. Monroe Spokane, WA 99205-1295 (509) 329-3400
	<input type="checkbox"/> Northwest Regional Office 3190 – 160 <sup>th</sup> Avenue SE Bellevue, WA 98008-5452 (425) 649-7000	<input type="checkbox"/> Southwest Regional Office PO Box 47775 Olympia, WA 98504-7775 (360) 407-6300

If you need this document in an alternate format, please call the Water Resources Program at 360-407-6872.  
Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.

If you have questions about your application, contact the Water Resources program at the regional office in which your project is located.





Attachment to DNR's November 2012 Term Permit Application: Section 5

The Sunheaven Farms Irrigation distribution system.

The Sunheaven distribution system includes a river station located on the John Day pool on the Columbia river approximately one mile west of Paterson Washington.

Additionally a series of four booster stations lift water from 275 feet MSL to a maximum of 1400 feet MSL North of the river. Supplying water to approximately 15,000 acres of private owned, private leased, and DNR leased lands.

Maximum instantaneous flows peak at approximately 63,000 GPM.

Average annual application per-acre accumulates to approximately 2 acre feet.

The following is a list of the major pump stations:

Station	# of Pumps	Hp	Total Hp	Note
River station	7	2000	12000	vertical turbine pumps
Booster #1	6	1250	7500	vertical turbine pumps
Booster #2	9	700	6300	Split case centrifical
Booster #2	1	500	500	Split case centrifical
Booster #3	6	350	2100	Split case centrifical
Booster #3 (JNO & S)	1	250	250	Split case centrifical
Booster #3 (JNO & S)	1	125	125	Split case centrifical
Booster # 4	4	350	1400	Split case centrifical
Booster # 4	1	200	200	Split case centrifical
Booster # 4	1	150	150	Split case centrifical
Total			30525	

Approximately 30 additional boosters (1500hp) located around the region boost water to Individual center pivots or small groups of pivots.